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71 Applicant: **Matsushita Electric Industrial Co., Ltd.**
1006 Oaza Kadoma
Kadoma-shi Osaka (JP)

72 Inventor: **Tsuchiya, Sohji**
5-13-12, Wakabadai Shiroyama-machi
Tsukui-gun Kanagawa-ken (JP)

Kudoh, Yasuo
5-4-304, Susuki-cho 2-chome Midori-ku
Yokohama (JP)

Kojima, Toshikuni
15-408, Arima 325 Miyamae-ku
Kawasaki (JP)

Fukuyama, Masao
1-18-16, Shimoda-cho Kohoku-ku
Yokohama (JP)

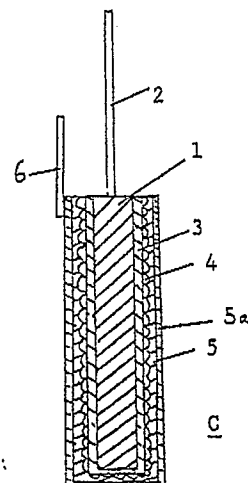
Yoshimura, Susumu
529-18, Kamoshida-cho Midori-ku
Yokohama (JP)

74 Representative: **Bühling, Gerhard, Dipl.-Chem. et al**
Patentanwaltsbüro Tiedtke-Bühling-Kinne
Grube-Pellmann-Grans-Struif-Winter-Roth Bavariaring 4
D-8000 München 2 (DE)

54 **Solid electrolytic capacitor and method for manufacturing the same.**

57 The capacitor element includes a valve metal member (1) capable of forming a dielectric oxide film (2) thereon, a dielectric oxide film (3) formed on the valve metal member, a manganese oxide (4) layer formed on the dielectric oxide film (3), a conductive polymer film (5) formed on the manganese oxide film (4) by electrolytic polymerization, and terminals (2,6) formed on the valve metal member and the conductive polymer film, respectively. A method for manufacturing the solid electrolyte is also described wherein the conductive polymer film (5) is readily formed on the manganese dioxide layer (4).

FIG. 1a





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
X	CHEMICAL ABSTRACTS, vol. 108, no. 4, 1988, page 583, abstract no. 30426j, Columbus, Ohio, US; & JP-A-62 181 415 (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) 08-08-1987 * Whole abstract *	1-4,11	H 01 G 9/05
A	IDEM ---	8,13,16	
P,A	DE-A-3 811 415 (MATSUSHITA ELECTRIC INDUSTRIAL CO.) * Column 6, lines 1-17; claims * ---	1-5	
P,A	PATENT ABSTRACTS OF JAPAN, vol. 13, no. 295 (E-783)[3643], 7th July 1989; & JP-A-1 74 713 (JAPAN CARLIT CO., LTD) 20-03-1989 * Whole document *	1-5	
A	FR-A-2 128 820 (MATSUSHITA ELECTRIC INDUSTRIAL CO.) * Page 5, lines 23-34 * -----	1-5,9,10	TECHNICAL FIELDS SEARCHED (Int. Cl.4) H 01 G
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 26-09-1989	Examiner MOMENE Y ARROYO M. E.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	